Appl. No. 09/751,640 Amdt. Dated June 3, 2005 Reply to Office Action of May 23, 2005

Amendments to the Specification:

Please amend the brief description of the drawings section as follows:

Figure 1 shows block diagram of the test system is shown in;

Figure 2 is graph showing of BER vs SNR;

Figure 3 shows a graph of the switching thresholds that are derived from steady state throughput curves of the individual modulation schemes;

Figure 4 shows a block diagram of an automaton/environment model;

Figure 5 shows the normalized long-term average TP versus L1 for for SNR of -1,0, and 1 dB; and

Figure 56 shows the probability convergence curves of desired action for SNR of -1,0, and 1 dB.